



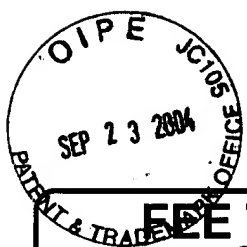
IFW  
2624  
\$

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	09/597,861
		Filing Date	June 20, 2000
		First Named Inventor	Maya Rani Gupta
		Art Unit	2624
		Examiner Name	Tommy D. Lee
Total Number of Pages in This Submission	15	Attorney Docket Number	74451P116

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input checked="" type="checkbox"/> PTO/SB/08  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Return Receipt Postcard, Seven (7) Cited References</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Michael J. Mallie, Reg. No. 36,591 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	September 20, 2004

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Ines Francetic		
Signature		Date	September 20, 2004



# FEE TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)  
180.00

## Complete if Known

Application Number	09/597,861
Filing Date	June 20, 2000
First Named Inventor	Maya Rani Gupta
Examiner Name	Tommy D. Lee
Art Unit	2624
Attorney Docket No.	74451P116

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit  
Account  
Number

02-2666

Deposit  
Account  
Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20*	0	18.00	\$0.00
3*	0	86.00	\$0.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

\*or number previously paid, if greater, For Reissues, see below

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

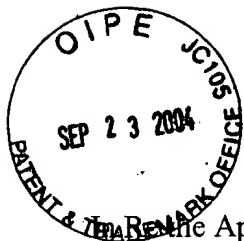
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$)

180.00

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Michael J. Mallie	Registration No. (Attorney/Agent)	36,591	Telephone	(408) 720-8300
Signature		Date	09/20/04		



Docket No.: 74451P116

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Application of:

MAYA RANI GUPTA, ET AL.

Application No.: 09/597,861

Filed: June 20, 2000

For: **A BLOCK QUANTIZATION METHOD  
FOR COLOR HALFTONING**

Art Group: 2624

Examiner: Tommy D. Lee

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

09/24/2004 BABRAHA1 00000027 09597861

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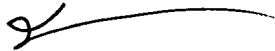
180.00 OP

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

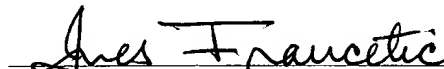


Date: September 20, 2004

Michael J. Mallie, Reg. No. 36,591

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 720-8300

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*Ines Francetic*

09-20-04

*Date*

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

Application Number	09/597,861
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First Named Inventor	Maya Rani Gupta
Art Unit	2624
Examiner Name	Tommy D. Lee
Attorney Docket Number	74451P116

Sheet 1 of 2

U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

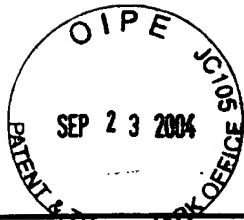
[illegible]

Examiner  
Signature

Date	
Considered	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 2 of 2

**Complete if Known**

Application Number	09/597,861
Filing Date	June 20, 2000
First Named Inventor	Maya Rani Gupta
Art Unit	2624
Examiner Name	Tommy D. Lee
Attorney Docket Number	74451P116

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	FLOYD, ROBERT ET AL., ""4.3: An Adaptive Algorithm for Spatial Grey Scale," SID 75 Digest, pp. 36-37, Stanford University, Stanford, CA, U.S.A.	
	B	OSTROMOUKHOV, V. ET AL., "Structure Artifact Free Multi-Level Error Diffusion Algorithm," Electronic Imaging: Processing, Printing, and Publishing in Color, May 1988, pp. 215-219, SPIE Vol. 3409, The International Society for Optical Engineering, Zurich, Switzerland.	
	C	AKARUN, LALE ET AL., "New Methods for Dithering of Color Images," pp. 523-526, Istanbul, Turkey.	
	D	BREAUX, NANCY A., "Wavelet Methods for Compression, Rendering, and Descreening in Digital Halftoning, Wavelet Applications IV, 22-24 April 1997, pp. 656-667. SPIE Vol. 3252, The International Society for Optical Engineering, Orlando, Florida, U.S.A.	
	E	WONG, PING WAH, "Halftoning by Multiscale Dot Distribution," 1995, 0-8186-7310-9/95, IEEE, Palo Alto, CA, U.S.A.	
	F	WONG, PING WAH, "Mean Matching Halftoning on a Rotated Quad-Tree Structure," Human Vision and Electronic Imaging, 29 January - 1 February 1996, pp. 448-455, SPIE Vol. 2657, The International Society for Optical Engineering, San Jose, CA, U.S.A.	
	G	NILSSON, FREDRIK, "Objective Quality Measures for Halftoned Images, J. Opt. Soc. Am. A, 1999, pp. 2151-2162, Vol. 16, No. 9, Optical Society of America, U.S.A.	

Examiner Signature	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.  
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